

FIG.1

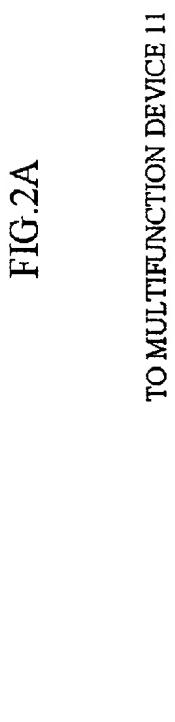
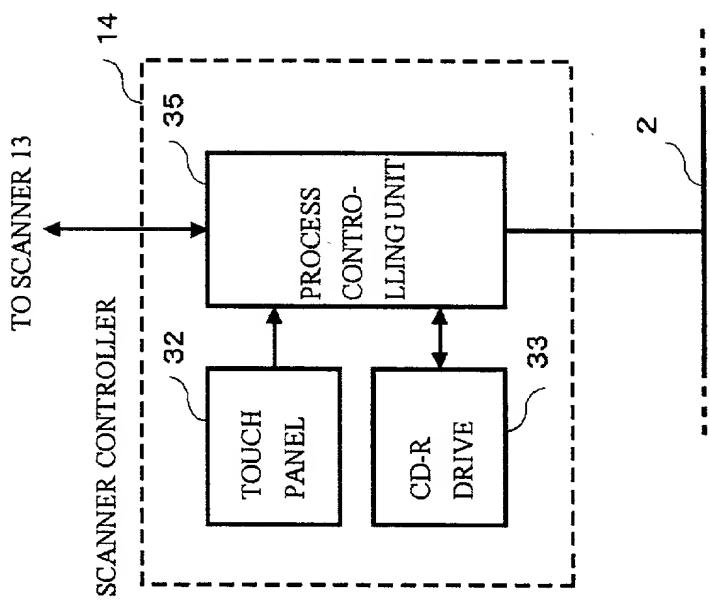


FIG.2B



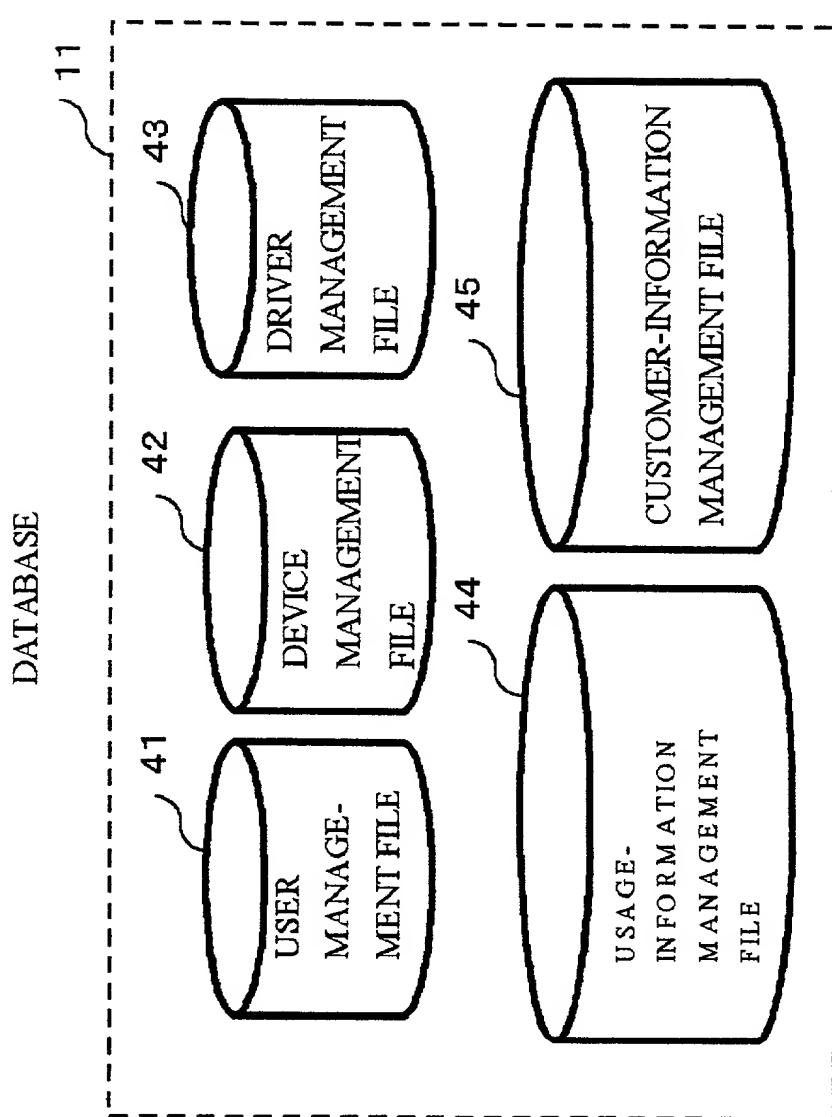


FIG.3

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FIG.4A

USER MANAGEMENT FILE

ID NUMBER	NAME	SECTION CODE	SECTION NAME	TELEPHONE NUMBER	FAX NUMBER	E-MAIL ADDRESS
1234567	SUSAN BECKER	123	A B C SECTION	1234-5678	8765-4321	yama@ri.co.jp
2345678	JOHN OLSON	234	X Y Z SECTION	2345-6789	9876-5432	ta@ri.co.jp
⋮	⋮	⋮	⋮	⋮	⋮	⋮

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FIG4.B

DEVICE MANAGEMENT FILE

SERIAL NUMBER	MODEL NAME	CLASSIFICATION	NETWORK ADDRESS	LOCATION	-----
1234	ABC-1234	MULTIFUNCTION DEVICE	192.168.0.1	5-TH FLOOR	-----
2345	BCD-2345	PRINTER	192.168.0.2	4-TH FLOOR	-----
⋮	⋮	⋮	⋮	⋮	⋮

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FIG.4C

DRIVER MANAGEMENT FILE

MODEL NAME	VERSION	STORAGE FOLDER	-----
ABC-1234	1.01	¥sys¥abc¥drv	-----
BCD-2345	2.03	¥sys¥bcd¥drv	-----
⋮	⋮	⋮	-----

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FIG.5A

USAGE-INFORMATION MANAGEMENT FILE

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SERIAL NUMBER	ID NUMBER	BOTH-SIDE PRINTING(SCANNING)	A 4	A 3	B 4	B 5	-----
1234	1234567 2345678 ⋮	12 0 ⋮	234 345 ⋮	0 23 ⋮	0 456 ⋮	45 678 ⋮	----- ----- ⋮

FIG.5B

CUSTOMER-INFORMARION MANAGEMENT FILE

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CUSTOMER ID	NAME	COMPANY CODE	COMPANY NAME	FAX NUMBER	EMAIL ADDRESS	-----
3456789	JOHN OLSON	345	AB MEDICAL CORPORATION	3456-7890	ab@cd.co.jp	-----
4567890	SUSAN BECKER	456	XY ELECTRONICS	4567-8901	bc@de.co.jp	-----
⋮	⋮	⋮	⋮	⋮	⋮	⋮

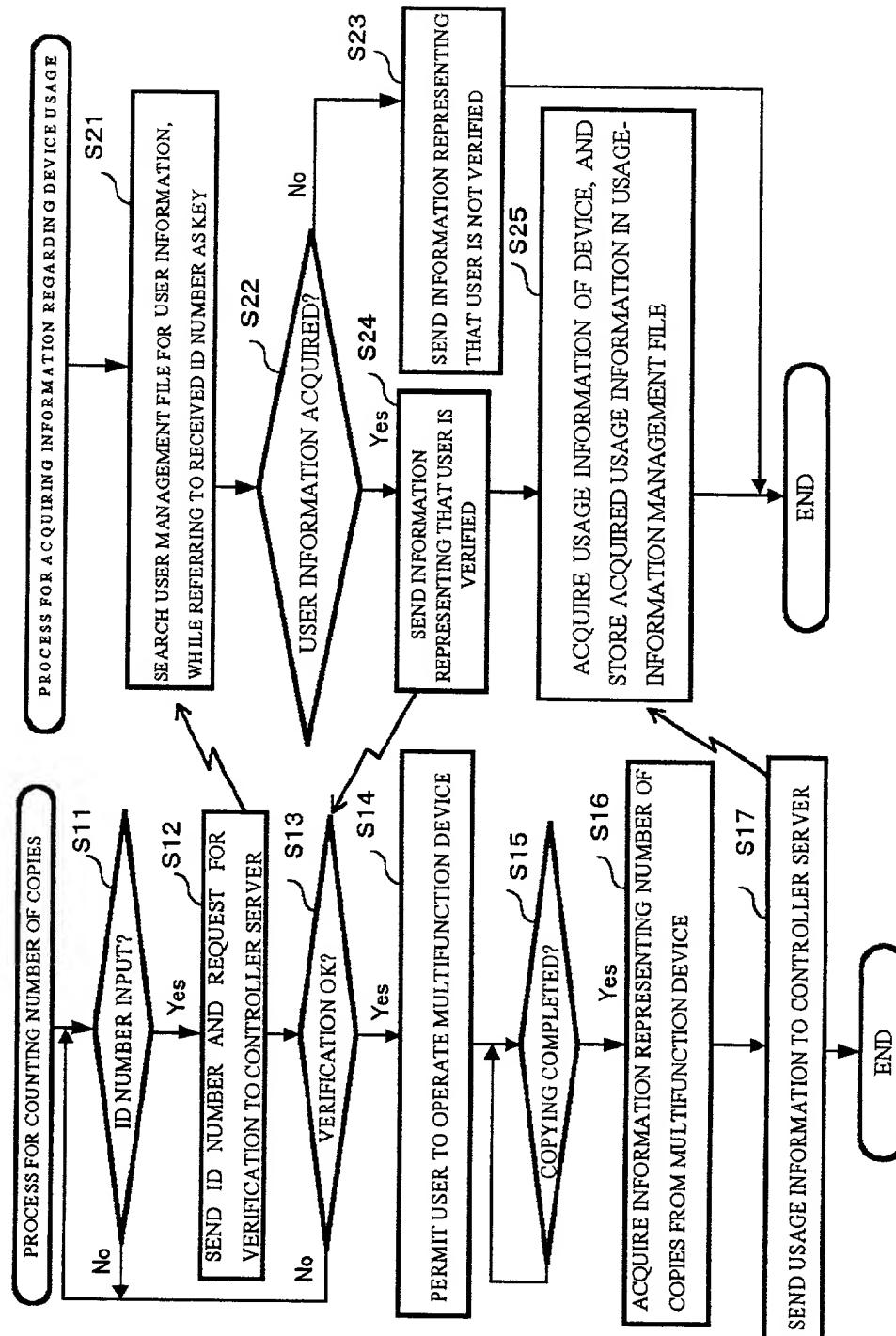
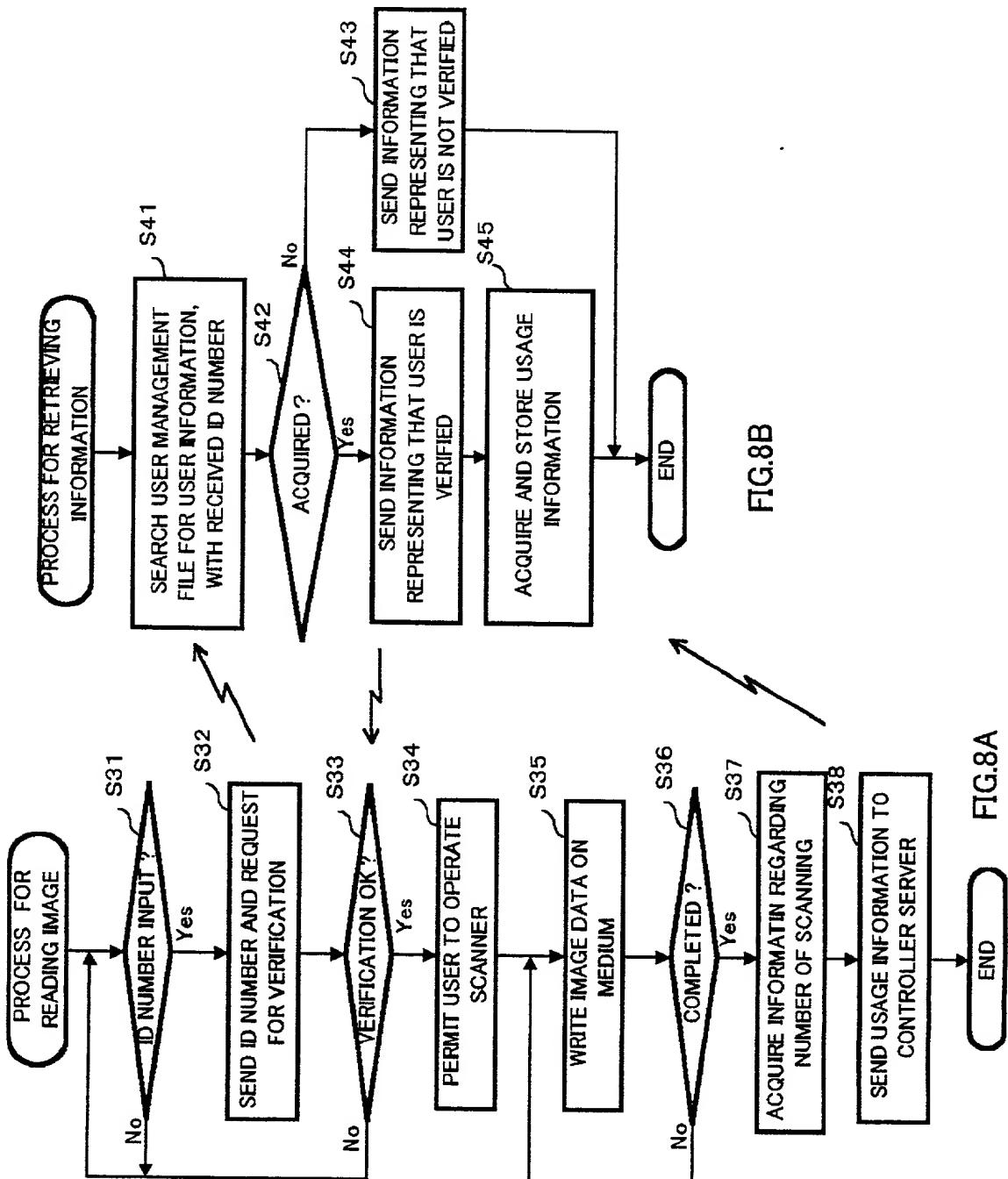


FIG. 6A

FIG. 6B

DEVICE SERIAL	ID	A 4	B 5	DATE/TIME	---
1234	1234567	12	24	2/8-9:53	---

FIG.7



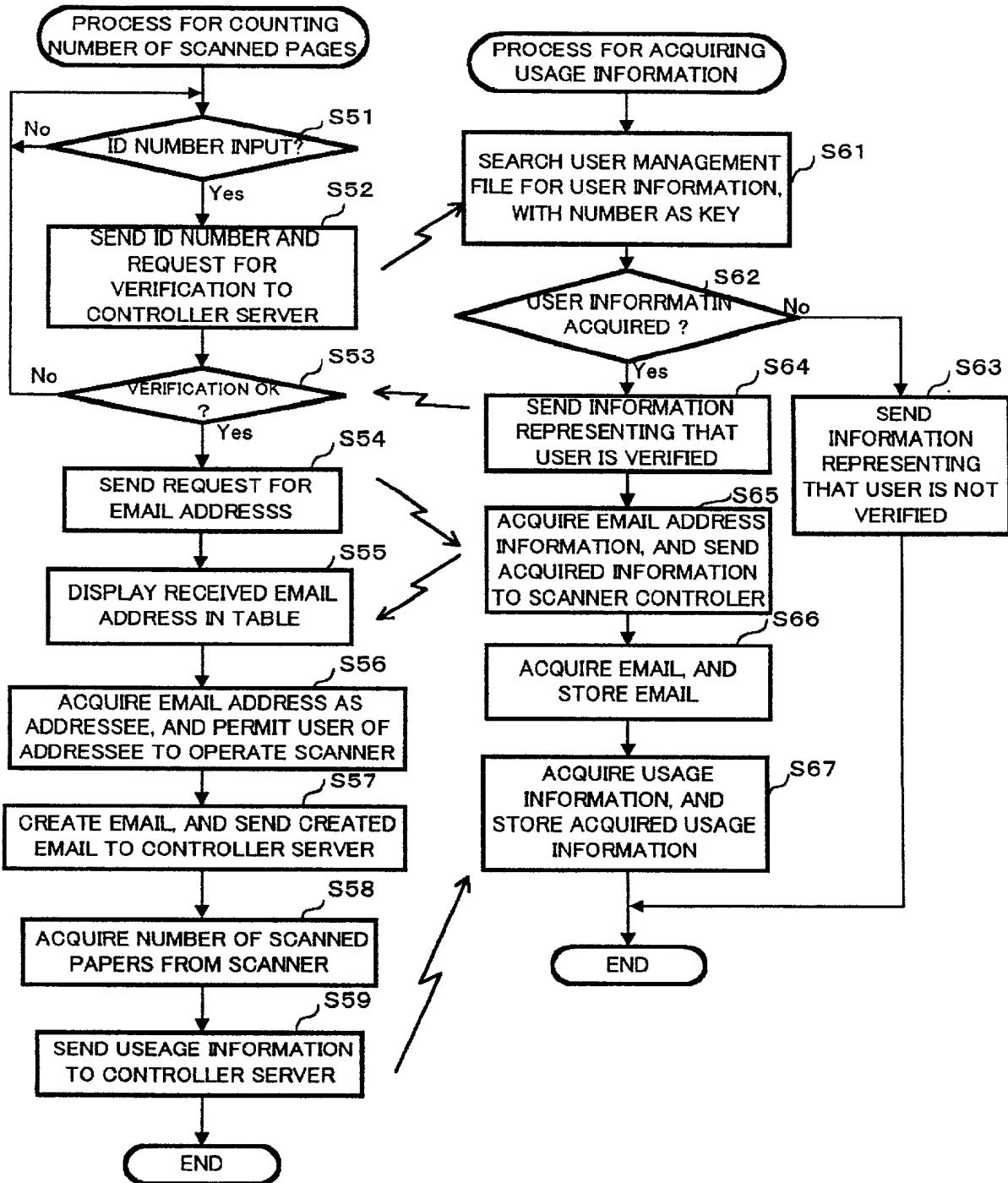


FIG.9A

FIG.9B

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NAME	COMPANY	EMAIL ADDRESS
John Olson	ABC Medecal	ab@cd.co.jp
Susan Becker	XYZ Electronics	bc@de.co.jp
:	:	:
:	:	:

FIG.10

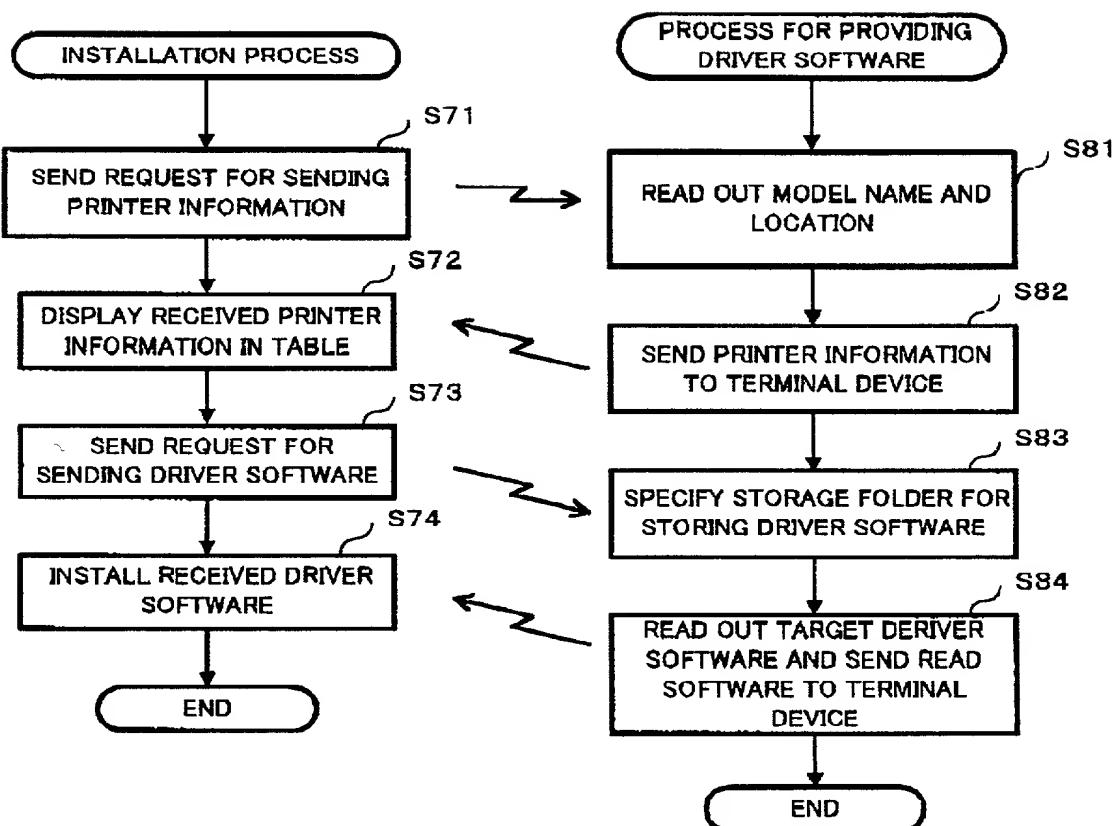


FIG.11A

FIG.11B

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MODEL	LOCATION
ABC-1234	ABC SECTION
BCD-2345	XZY SECTION
:	:
:	:
:	:

FIG.12

DEVICE MANAGEMENT FILE

SERIAL NUMBER	MODEL NAME	CLASSIFIC ATION	NETWORK ADDRESS	LOCATION	SUGGESTED MAXIMUM NUMBER OF PAPERS TO BE PRINTED MONTHLY	SUGGESTED MAXIMUM NUMBER OF PAPERS TO BE PRINTED ANNUALLY	MAXIMUM NUMBER OF PAPERS BEFORE LASTING DEVICE SUBSTITUTE	SUBSTITUTE DEVICE
1234	ABC-1234	MULTIFUNCTI ON DEVICE	192.168.0.1	5-TH FLOOR	12000	100000	16000	ABC-9876
2345	BCD-2345	192.168.0.2	4-TH FLOOR	6000	7000	10000	BCD-4416

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FIG.13 A

USAGE INFORMATION MANAGEMENT FILE

SERIAL NUMBER	ID NUMBER	BOTH-SIDE PRINTING (SCANNING)	A 4	A 3	B 4	B 5
1234	4765	1234567	12	234	0	0
			0	345	23	456
						678

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FIG.13B

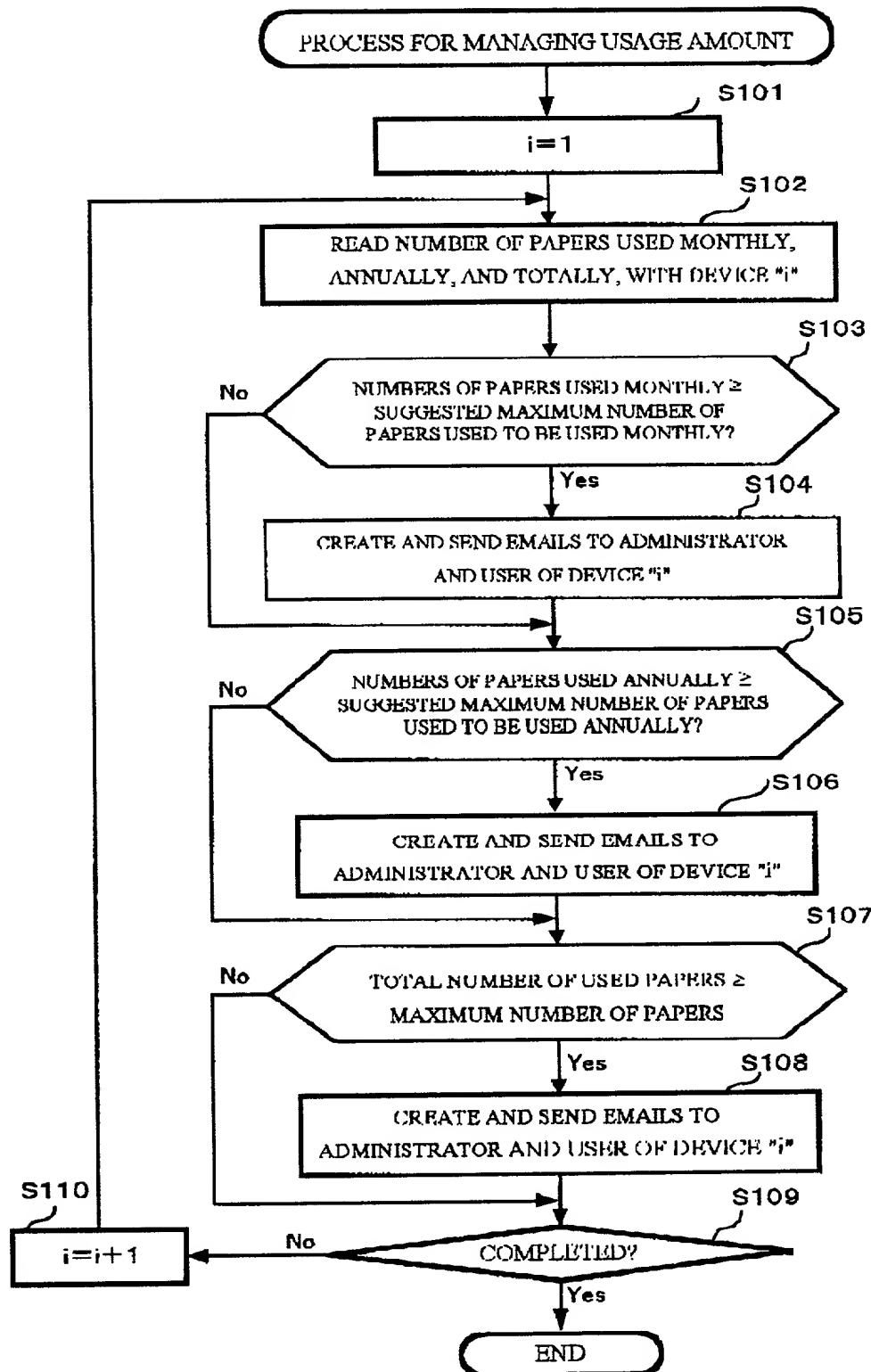


FIG.14

FIG. 15A

EMAIL ADDRESSED TO
ADMINISTRATOR

MONTHLY USAGE AMOUNT OF DEVICE, SERIAL
NUMBER ABC-1234, HAS EXCEEDED
SUGGESTED MAXIMUM NUMBER OF PAPERS TO
BE USED MONTHLY.

INSTRUCT USERS TO USE, FROM NOW ON,
SUBSTITUTE DEVICE, SERIAL NUMBER ABC-
9876.

FIG. 15B

EMAIL ADDRESSED TO USER

MONTHLY USAGE AMOUNT OF DEVICE, SERIAL
NUMBER ABC-1234, HAS EXCEEDED
SUGGESTED MAXIMUM NUMBER OF PAPERS TO
BE USED MONTHLY.

USE, FROM NOW ON, SUBSTITUTE DEVICE,
SERIAL NUMBER ABC-9876.

FIG. 15C

EMAIL ADDRESSED TO
ADMINISTRATOR

ANNUALLY USAGE AMOUNT OF DEVICE, SERIAL
NUMBER ABC-1234, HAS EXCEEDED
SUGGESTED MAXIMUM NUMBER OF PAPERS TO
BE USED ANNUALLY.

INSTRUCT USERS TO USE, FROM NOW ON,
SUBSTITUTE DEVICE, SERIAL NUMBER ABC-
9876.

FIG. 15D

EMAIL ADDRESSED TO USER

ANNUAL USAGE AMOUNT OF DEVICE, SERIAL
NUMBER ABC-1234, HAS EXCEEDED
SUGGESTED MAXIMUM NUMBER OF PAPERS TO
BE USED ANNUALLY.

USE, FROM NOW ON, SUBSTITUTE DEVICE,
SERIAL NUMBER ABC-9876.

DEVICE MANAGEMENT FILE 42

SERIAL NUMBER	MODEL NAME	CLASSIFICATION	NETWORK ADDRESS	LOCATION
1234	ABC-1234	MULTIFUNCTION DEVICE PRINTER	192.168.0.1	5-TH FLOOR
2345	BCD-2345		192.168.0.2	4-TH FLOOR

NUMBER OF PAPERS SINCE PREVIOUS REPLACEMENT OF EXPENDABLE 1 (TONER)	NUMBER OF PAPERS OF REMINDING USAGE OF EXPENDABLE 1 (TONER)	NUMBER OF PAPERS SINCE PREVIOUS REPLACEMENT OF EXPENDABLE 2 (PHOTOCOCONDUCTOR)	NUMBER OF PAPERS OF REMINDING USAGE OF EXPENDABLE 2 (PHOTOCOCONDUCTOR)	NUMBER OF PAPERS SINCE PREVIOUS REPLACEMENT OF EXPENDABLE 2 (PHOTOCOCONDUCTOR)	NUMBER OF PAPERS OF REMINDING USAGE OF EXPENDABLE 2 (PHOTOCOCONDUCTOR)
22500	5500	11111	12000	8800	2600
35250	4250	9998	11000	6600	1500

FIG. 16

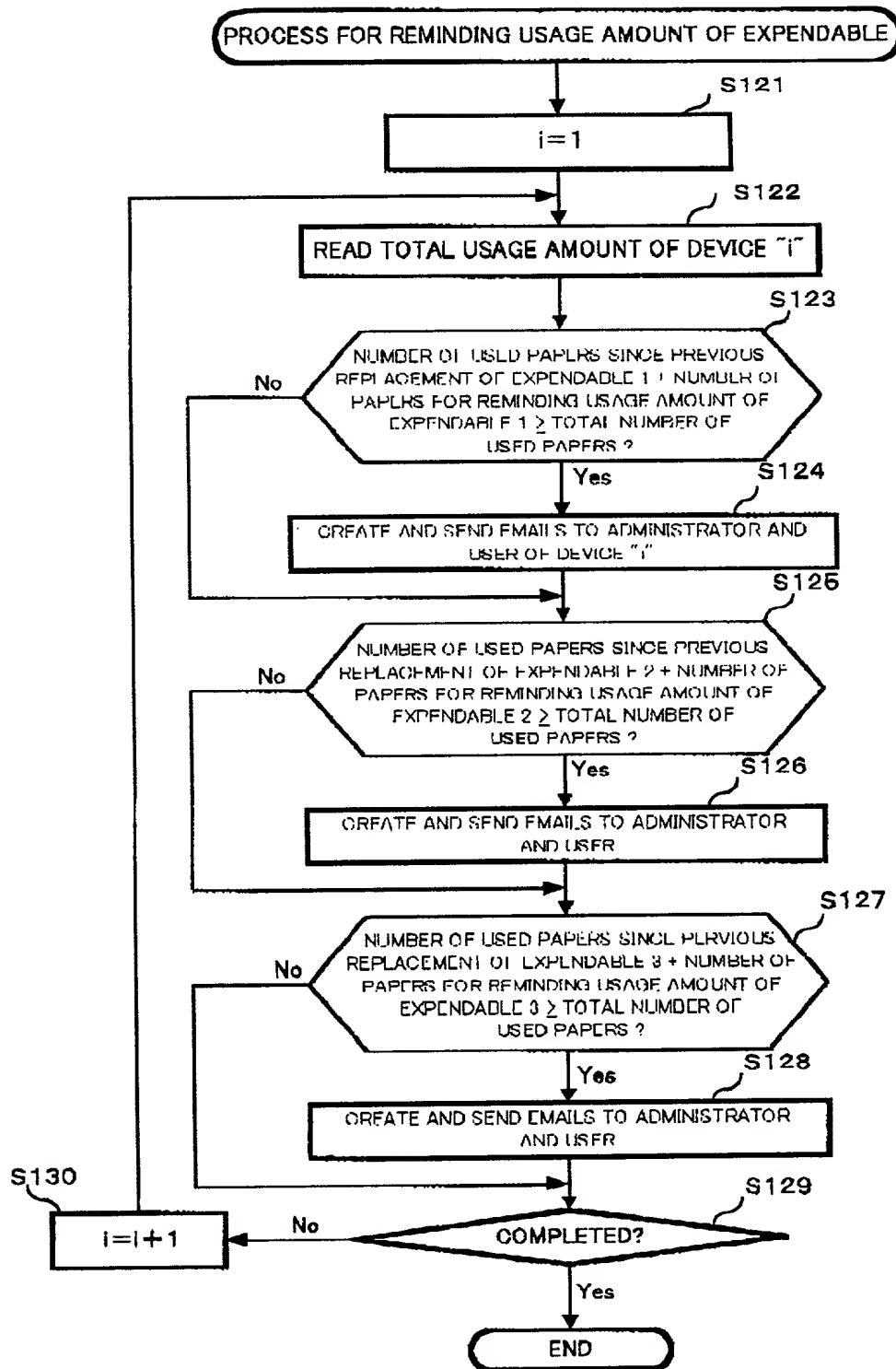


FIG. 17

FIG. 18A

EMAIL ADDRESSED TO ADMINISTRATOR

ALMOST TIME TO REPLACE EXPENDABLE 1
(TONER) IN DEVICE, SERIAL NUMBER ABC-1234.
GET READY TO REPLACE TONER 1.

FIG. 18B

EMAIL ADDRESSED TO USER

ALMOST TIME TO REPLACE EXPENDABLE 1
(TONER) IN DEVICE, SERIAL NUMBER ABC-1234.
CHECK OUTPUT PRINT.
IN CASE OF FAILURE, USE DEVICE, SERIAL
NUMBER ABC-9876, INSTEAD.

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USER MANAGEMENT FILE 41

ID NUMBER	NAME	CODE SECTION	CODE NAME	TELEPHONE NUMBER	FAX NUMBER	NUMBER OF PRINTED PAPERS	SUGGESTED MAXIMUM NUMBER OF PAPERS TO BE USED MONTHLY	NUMBER OF PRINTED PAPERS	SUGGESTED MINIMUM NUMBER OF PAPERS TO BE USED ANNUALLY
1234567	SUSAN BECKER	123	ABC SECTION XYZ	1234-56788765-4321	2345-67899876-5432	721	3345	3391	6691
2345678	JOHN OLSON	234	DEF SECTION ABC	1234-56788765-4321	2345-67899876-5432	654	765	1882	2344

FIG. 19

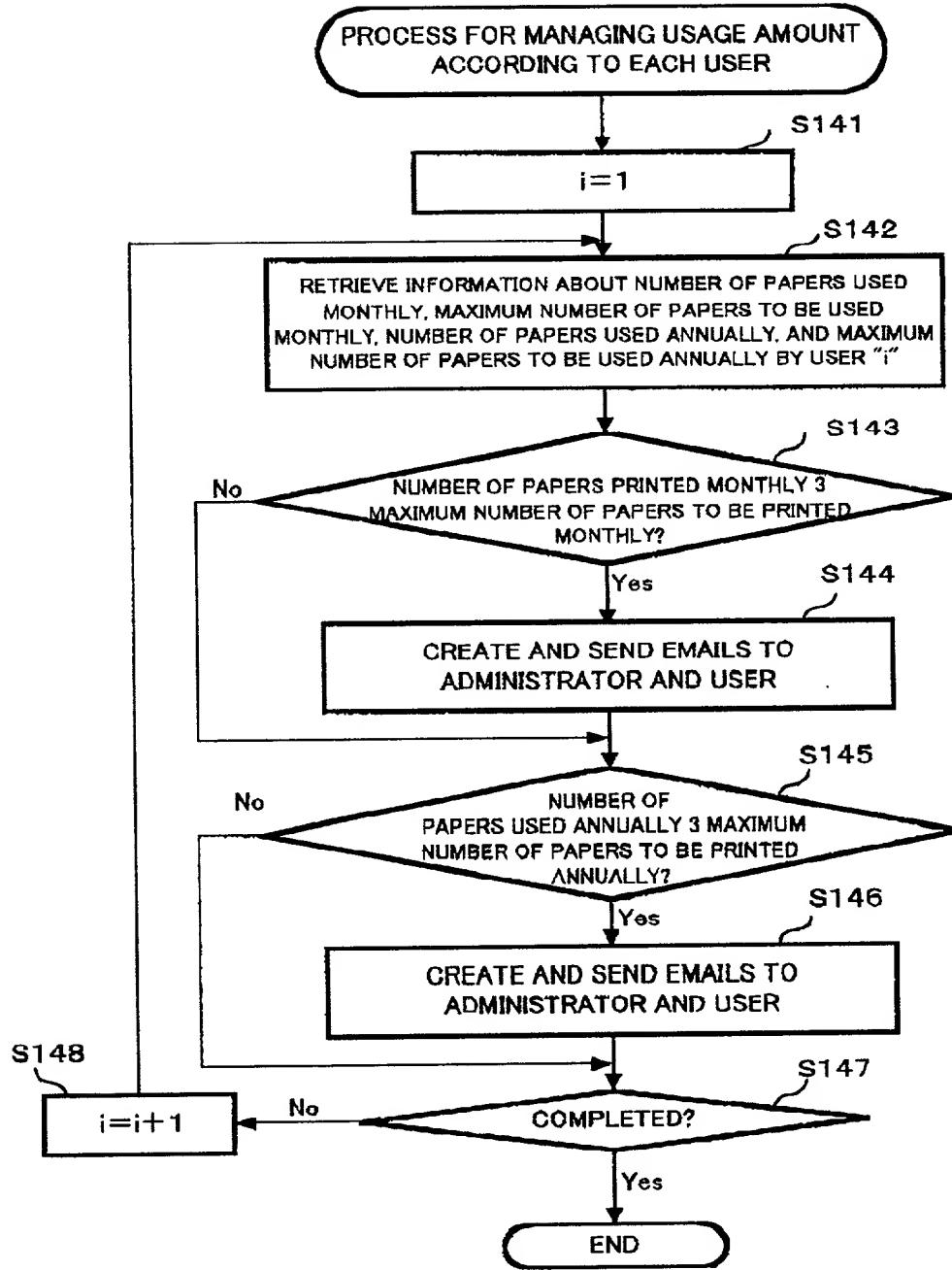


FIG. 20

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EMAIL ADDRESSED TO ADMINISTRATOR

**NUMBER OF PAPERS PRINTED BY USER
"SUSAN BECKER" HAS EXCEEDED MAXIMUM
NUMBER OF PAPERS TO BE PRINTED MONTHLY.**

FIG. 21A

EMAIL ADDRESSED TO USER

**YOU HAVE PRINTED (USED) NUMBER OF
PAPERS WHICH HAS EXCEEDED MAXIMUM
NUMBER OF PAPERS TO BE PRINTED MONTHLY.
REFRAIN FROM UNNECESSARY PRINTING.**

FIG. 21B

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SECTION MANAGEMENT FILE 48

SECTION CODE	SECTION NAME	COMPOSITE STAFF ID NUMBER	COMPOSITE STAFF NAME	NUMBER OF PAPERS PRINTED MONTHLY	MAXIMUM NUMBER OF PAPERS TO BE PRINTED MONTHLY	NUMBER OF PAPERS PRINTED ANNUALLY	MAXIMUM NUMBER OF PAPERS TO BE PRINTED ANNUALLY
123	ABC SECTION	1234567 3456788	SUSAN BECKER NAT DAVIDSON	1721	23345	123391	226691
234	XYZ SECTION	2345678 5678901	JOHN DAWSON ANN GREENIDGE	1654	9765	31882	92344

FIG. 22

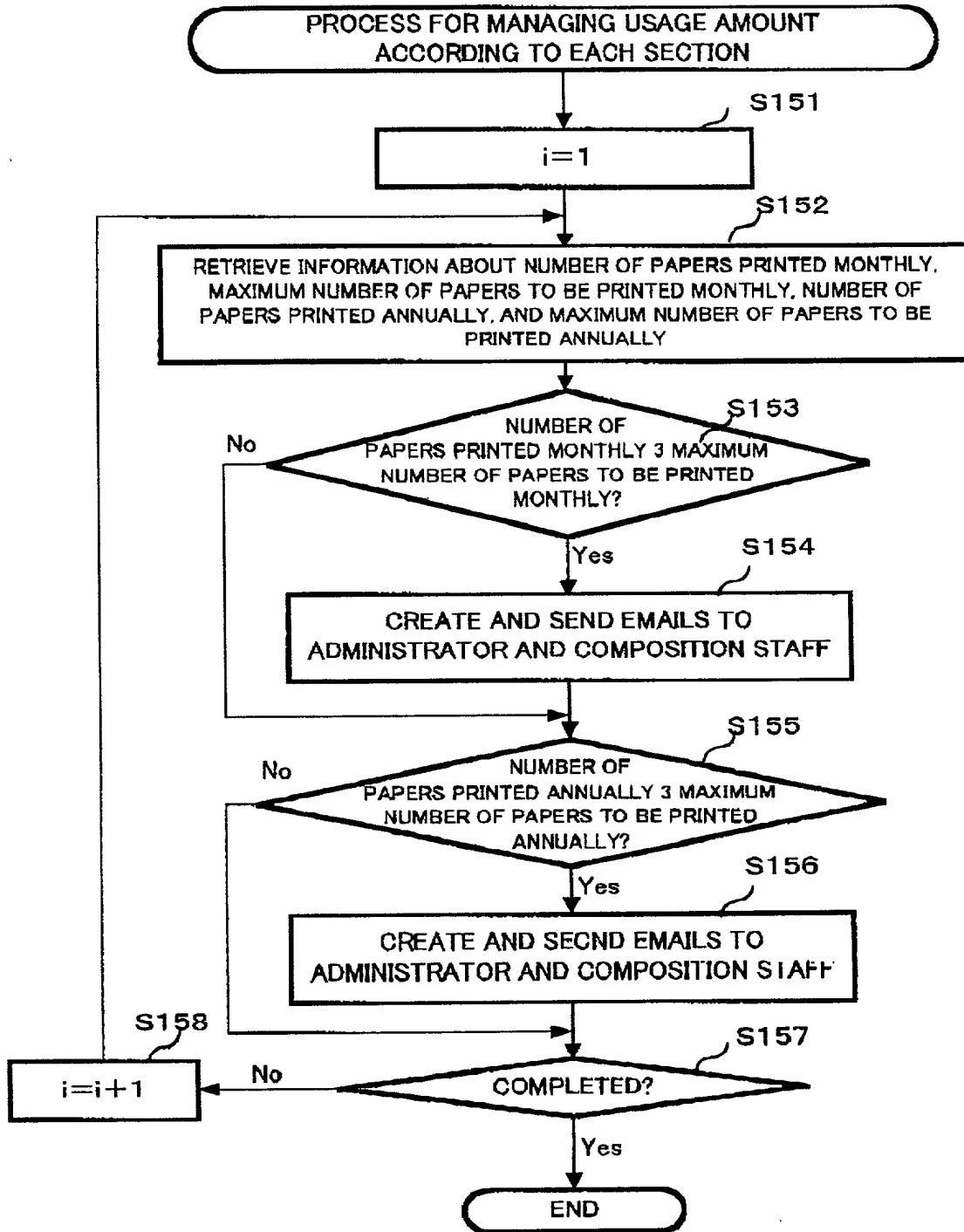


FIG. 23

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EMAIL ADDRESSED TO ADMINISTRATOR

NUMBER OF PAPERS PRINTED BY SECTION
123456 HAS EXCEEDED MAXIMUM NUMBER OF
PAPERS TO BE USED MONTHLY.

FIG. 24A

EMAIL ADDRESSED TO USER

NUMBER OF PAPERS PRINTED BY SECTION
123456 HAS EXCEEDED MAXIMUM NUMBER OF
PAPERS TO BE USED MONTHLY.

REFRAIN FROM UNNECESSARY PRINTING.

FIG. 24B

DEVICE MANAGEMENT FILE 4.2

SERIAL NUMBER	MODEL NAME	CLASSIFICATION	NETWORK ADDRESS	LOCATION	SUGGESTED MAXIMUM NUMBER OF PAPERS TO BE USED MONTHLY	SUGGESTED MINIMUM NUMBER OF PAPERS TO BE USED MONTHLY	SUGGESTED MINIMUM NUMBER OF PAPERS TO BE USED ANNUALLY	SUGGESTED MAXIMUM NUMBER OF PAPERS TO BE USED ANNUALLY
1234	ABC-1234	MULTIFUNCTION DEVICE	192.168.0.1	AT WINDOW OF ABC SECTION ON 5-TH FLOOR	12000	10000	6000	50000
2345	BCD-2345	PRINTER	192.168.0.2	AT ENTRANCE OF XYZ SECTION ON 4-TH FLOOR	6000	50000	3600	25000

FIG. 25

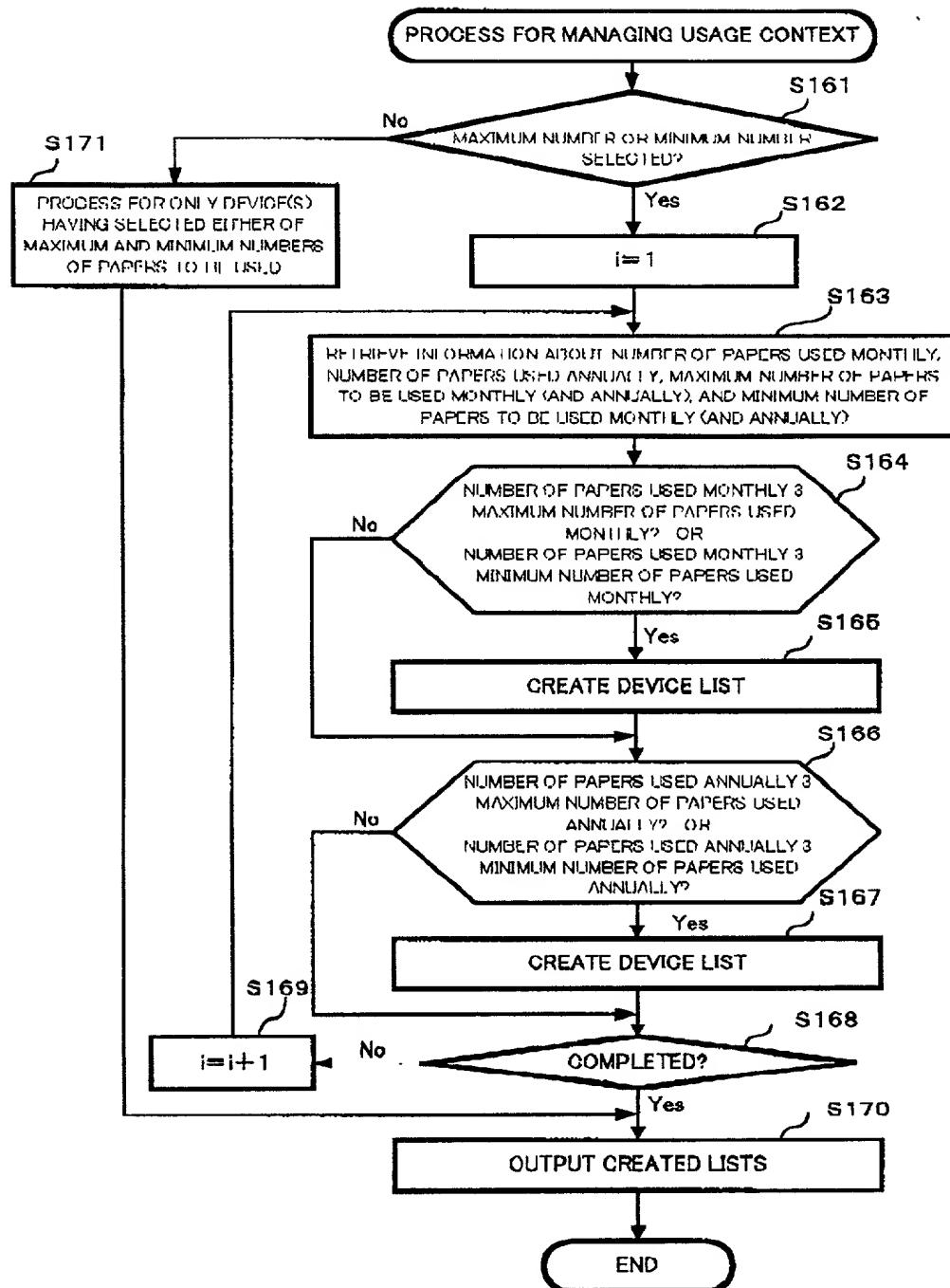


FIG. 26

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DEVICE WHICH ARE USED TO PRINT LARGER NUMBER OF PAPERS THAN MAXIMUM NUMBER OF PAPERS TO BE USED MONTHLY

CLASSIFICATION	SERIAL NUMBER	LOCATION	MAXIMUM NUMBER OF PAPERS TO BE USED MONTHLY	NUMBER OF PAPERS USED MONTHLY
MULTI-FUNCTION DEVICE	1234 3574	5-TH FLOOR 2-TH FLOOR	765 22765	766 22775
PRINTER	2345	4-TH FLOOR	999	1000

FIG27A

DEVICE WHICH ARE USED TO PRINT LARGER NUMBER OF PAPERS THAN MAXIMUM NUMBER OF PAPERS TO BE USED ANNUALLY

CLASSIFICATION	SERIAL NUMBER	LOCATION	MAXIMUM NUMBER OF PAPERS TO BE USED MONTHLY	NUMBER OF PAPERS USED MONTHLY
MULTI-FUNCTION DEVICE	1234	5-TH FLOOR	9765	9766
PRINTER	NONE			

FIG27B

DEVICE WHICH ARE USED TO PRINT SMALLER NUMBER OF PAPERS THAN MINIMUM NUMBER OF PAPERS TO BE USED MONTHLY

CLASSIFICATION	SERIAL NUMBER	LOCATION	MINIMUM NUMBER OF PAPERS TO BE USED MONTHLY	NUMBER OF PAPERS USED MONTHLY
MULTI-FUNCTION DEVICE	3329	9-TH FLOOR	500	200
PRINTER	5234	4-TH FLOOR	2300	1000

FIG.27C

DEVICE WHICH ARE USED TO PRINT SMALLER NUMBER OF PAPERS THAN MINIMUM NUMBER OF PAPERS TO BE USED ANNUALLY

CLASSIFICATION	SERIAL NUMBER	LOCATION	MINIMUM NUMBER OF PAPERS TO BE USED MONTHLY	NUMBER OF PAPERS USED MONTHLY
MULTI-FUNCTION DEVICE	15834	EXECUTIVE'S ROOM	9765	9766
PRINTER	2222	MEETING ROOM	22222	2222

FIG.27D

DRIVER MANAGEMENT FILE

MODEL NAME	VERSION	SOFTWARE-STORAGE FOLDER	LIST OF USERS HAVING DOWNLOADED DRIVER		
			1	2	-----
ABC-1234	1.01	\sys\abc\drv	Y:1234567	Y:2345678	-----
BCD-2345	2.03	\sys\bcd\drv	N:1234567	Y:2348878	-----
:	:	:	:	:	:

4.3

FIG. 28

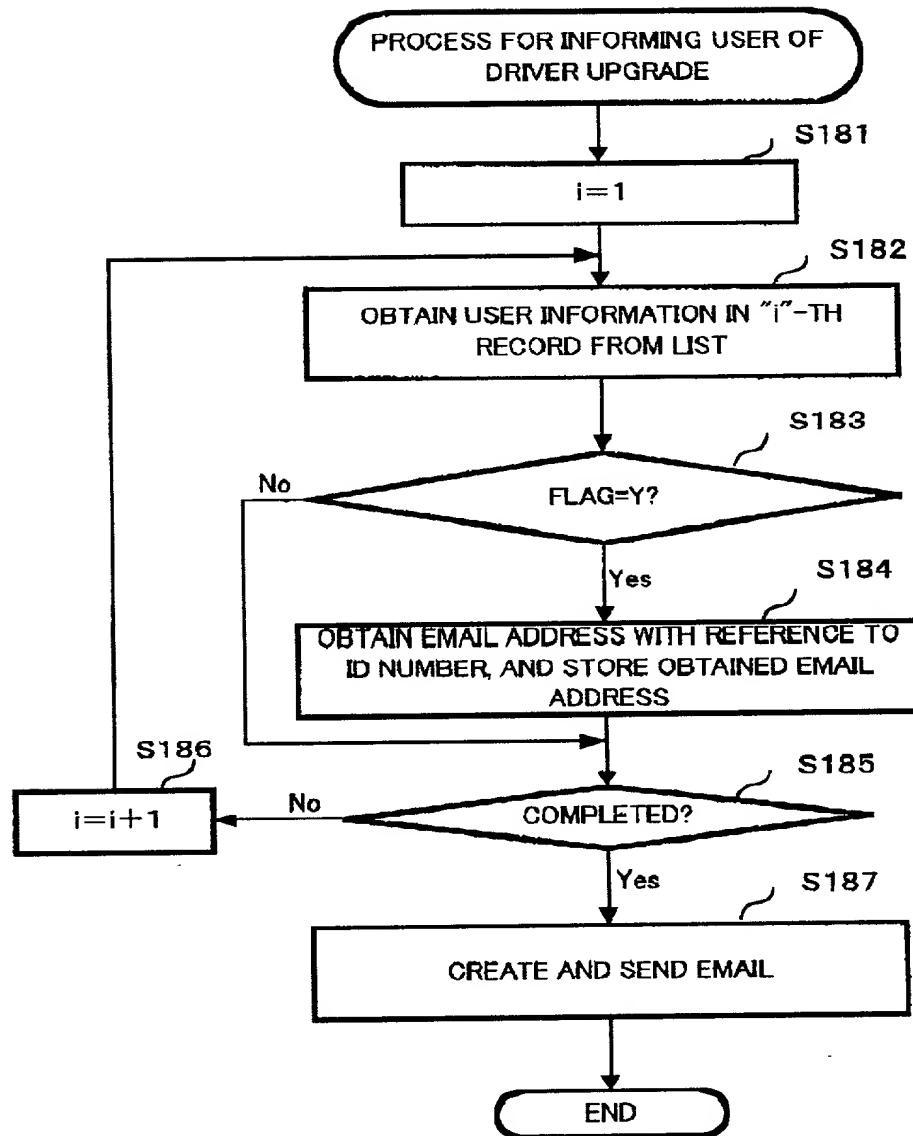


FIG.29

EMAIL ADDRESSED TO USER HAVING
DL OWNLOADED DRIVER-SOFTWARE

DRIVER SOFTWARE OF "PRINTER BCD-2345" IS
UPGRADED TO "VERSION 2.03".
DOWNLOAD UPGRADED DRIVER SOFTWARE.

SOFTWARE-STORAGE HOLDER IS "¥sys¥bcd¥drv".

FIG. 30